

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE ☒ WATER SANDS LOCATION INSPECTED GAS SUB. REPORT/abd.

Location Abandoned well never drilled 4-15-82

DATE FILED 12-4-81

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

U-25888

INDIAN

DRILLING APPROVED: 1-14-82

SPUDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR.

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: L.A. well never drilled 4-15-82

FIELD: UNDESIGNATED 3/86 BARY 3-86

UNIT:

COUNTY: GRAND

WELL NO. HAYS USA #1-2

API NO. 43-019-30911

LOCATION 500 - FT. FROM (N) ☒ LINE.

1638

FT. FROM (E) ☒ LINE.

NW NE

1/4 - 1/4 SEC.

1

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
17S	25E	1	TENNECO OIL CO.				

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. Lease Designation and Serial No.

U-25888

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

Hays USA

9. Well No.

1-2

10. Field and Pool, or Wildcat

~~Morrison~~ Undesignated11. Sec., T., R., M., or Blk.
and Survey or Area

Sec. 1, T17S R25E

12. County or Parrish 13. State

Grand

Utah

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil
Well ☐Gas
Well ☒

Other

Single
Zone ☒Multiple
Zone ☐

2. Name of Operator

Tenneco Oil Company

3. Address of Operator

P. O. Box 3249, Englewood, CO 80155

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface 500' FNL 1638' FNL

At proposed prod. zone same as above

NW NE

14. Distance in miles and direction from nearest town or post office*

16.69 miles NW of Mack, Colorado

15. Distance from proposed*

location to nearest
property or lease line, ft.
(Also to nearest drlg. line, if any)

500'

16. No. of acres in lease

480

17. No. of acres assigned
to this well

240

18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.

19. Proposed depth

3840'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5492' ground

22. Approx. date work will start*

ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	9-5/8"	36# new	+ 250'	Circ cmt to surface
7-7/8"	4-1/2"	11.6# new	- 3840'	Sufficient volume to cover all prod. zones

Gas is dedicated

See attached drilling procedure

RECEIVED
DEC 04 1981APPROVED BY THE STATE
DIVISION OF
OIL, GAS, AND MINING
DATE: 11/19/82
BY: US Dept of Interior

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

Don H. Morrison

Title Production Analyst

Date 11/30/81

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

Title

Date

Conditions of approval, if any:

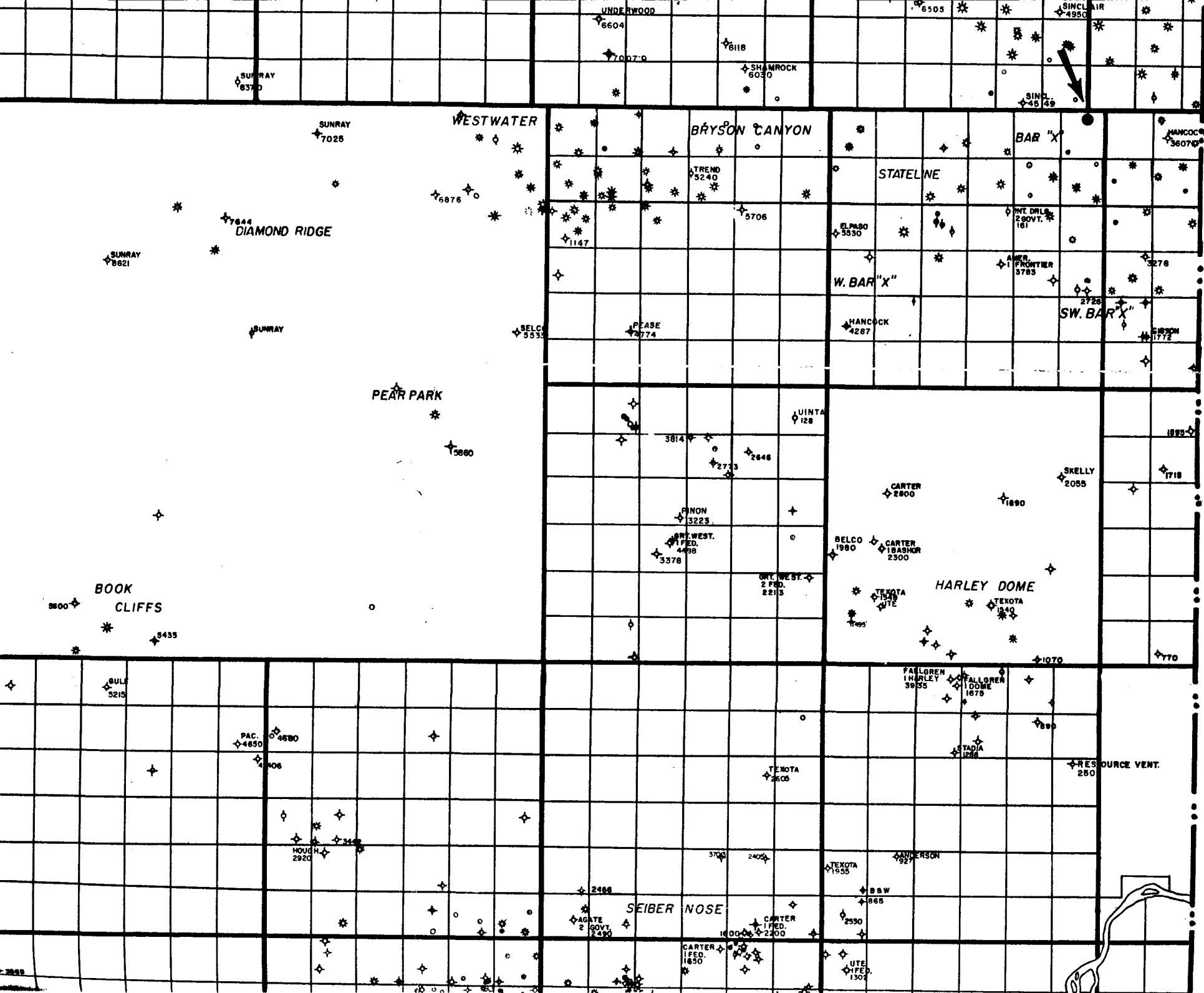
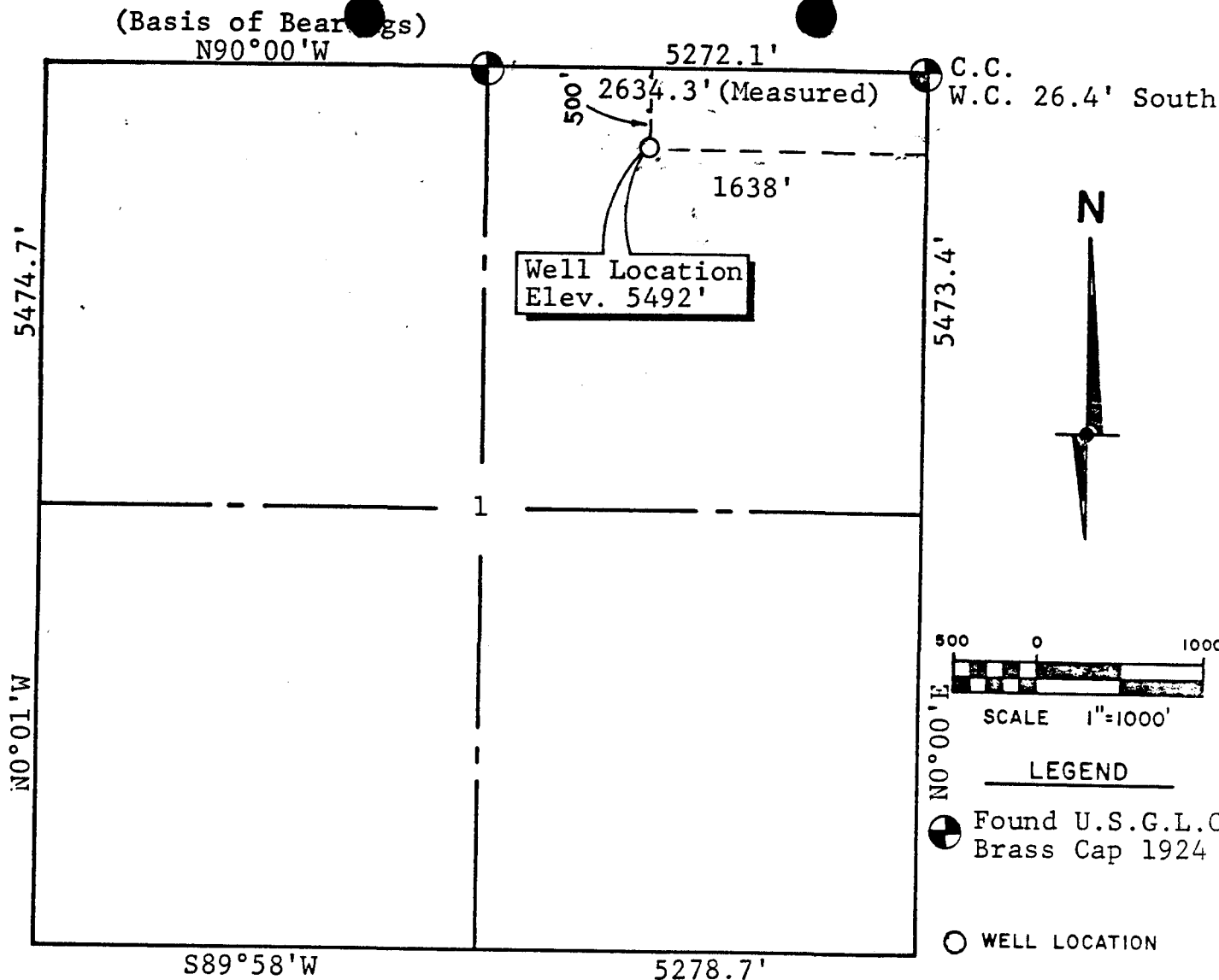
T
17
S

EXHIBIT #3

T
18
ST
19
S



WELL LOCATION

500 Ft. S.N.L. - 1638 Ft. W.E.L.
Section 1, T.17S., R.25E., S.L.B.&M.
Grand County, Utah

SURVEYOR'S CERTIFICATE

I, Edward Armstrong a registered land surveyor in the State of Utah, do hereby certify that this survey was made under my direct supervision and that this plat represents said survey.

Edward A. Armstrong
Edward A. Armstrong PE-LS 4464



		ARMSTRONG ASSOCIATES, INC. ENGINEERS • SURVEYS • U.S. MINERAL SURVEYORS 861 Rood Avenue-Grand Junction, Colorado 81501-(303) 245-3861	
		SCALE	Tenneco Oil Hays 1-2
		DATE	
		DRAWN BY	
		CHECKED BY	FIGURE 1 of
DATE OF SURVEY			

TENNECO OIL COMPANY - 10 POINT PLAN

1. The geological name of the surface formation: Castlegate
- 2 & 3. Estimated Formation Tops:
(See Attached Drilling Procedure)
4. Proposed Casing Program:
(See Attached Drilling Procedure)
5. Blowout Preventors:
Hydraulic double ram. One set of rams will be provided each size drill pipe in the hole. One set of blind rams at all times. Fill line will be 2", kill line will be 2", choke relief line will be 2". BOP's, drills and tests will be recorded in the driller's log. BOP will be tested every 24 hours and recorded in IADC Log.
6. Mud Program: (Sufficient quantity of mud and weight material will be available on location).
(See Attached Drilling Procedure.)
7. Auxiliary Equipment:
 - a. Kelly cock will be in use at all times.
 - b. Stabbing valve to fit drill pipe will be present on floor at all times.
 - c. Mud monitoring will be visual. No abnormal pressures are anticipated.
 - d. Floats at bits.
 - e. Drill string safety valve(s) to fit all pipe in drill string will be maintained on the rig floor while drilling operations are in progress.
8. Coring, Logging, and Testing Program:
(See Attached Drilling Procedure)
9. No abnormal pressures, temperatures or potential hazards such as H₂S are expected to be encountered.
10. The drilling of this well will start approximately (January 1982) and continue for 10 to 12 days.

Your office will be notified of spudding in sufficient time to witness cementing operations. Immediate notice will be given on blowouts, fires, spills, and accidents involving life threatening injuries or loss of life. Prior approval will be obtained before appreciably changing drilling program or commencing plugging operations, plug back work, casing repair work or corrective cementing operations.

I. EXISTING ROADS

A. Proposed Well Site Location: See Exhibit #2

B. Planned Access Route: See Exhibit #1

C. Access Road Labelled:

Color Code: Red - Improved surfaced roads
Blue - New access road to be constructed

D. Not applicable, the proposed well is a development well.

E. The existing roads are shown in Exhibit #1 and #2

F. Existing Road Maintenance or Improvement: The existing road will not require improvement. However, this road, along with the new access road, may require occasional grading to return the road surface to a cross section necessary for proper drainage.

II. PLANNED ACCESS ROUTE

A. Route Location - See Exhibits 1 and 2)

The planned new access route was selected to provide the shortest distance to the well site with acceptable grades from the main connector road. Temporary access will be built initially. If the facility is productive, the temporary road will be improved as follows:

1. Width: The average dirt width will be twenty feet. The average traveled surface width will be twenty feet. Road construction will be in accordance with typical roadways requested by the U. S. Bureau of Land Management.
2. Maximum Grades: Grades will be kept to a minimum using all available engineering techniques. It is, however, impossible to give a percent grade until the road has been aligned to the satisfaction of the surface management agency. We will have grades that are safe and passable under adverse weather conditions and that utilize the existing topography and surface geological conditions.

3. Turnouts: Turnouts are not required

4. Drainage Design: Prior to construction of the new access road, the brush and topsoil will be windrowed to each side of the alignment outside construction limits. The subgrade surface will be a minimum elevation of one foot above ditch grade. The road surface will be center crowned and the inslopes will have a maximum slope of 3:1 and fill slopes will be a maximum of 2:1.

5. Culverts Use, Major Cuts and Fills: Culverts will be placed as needed and suggested by the BLM.

Max: cut - 9'

Max: fill - 4'

6. Surfacing Material: The proposed permanent access road will be constructed with native material.

7. Gates, Cattleguards, Fence Cuts: Not needed.

8. New portion of road will be center flagged.

III. LOCATION OF EXISTING WELLS

The proposed well is a development well. Exhibit #3 shows existing wells within a one mile radius.

- A. Water Wells: None
- B. Abandoned Wells: None
- C. Temporarily Abandoned Wells: None
- D. Disposal Wells: None
- E. Drilling Wells: 2
- F. Producing Wells: See Exhibit #3
- G. Shut-In Wells: None
- H. Injection Wells: None
- I. Monitoring or Observation Wells: None.

IV. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. Existing facilities within one mile owned or controlled by Lessee/Operator:

- 1. Tank batteries -)
 - 2. Production facilities -)
 - 3. Oil gathering lines -)
 - 4. Gas gathering lines -)
 - 5. Injection lines -)
 - 6. Disposal lines -)
- See Exhibits #4 and #5

B. New facilities in the event of production:

1. New facilities: May consist of a well head, condensate tank, production unit, meter house, all of which would remain within the disturbed area. Exhibit #5 shows our most typical arrangement for this area.
2. Dimensions of the facilities are shown in Exhibit 4 and 5 .
3. Construction will be to strip the topsoil, level drilling pad. Dehydrator pits will be constructed with soil materials native to the site. Construction methods will be employed to assume that no drainage flows are impounded to prevent the loss of any hydrocarbon from the site. This is to be done in a manner to facilitate rapid recovery and clean up.
4. Protective measures to protect wildlife and livestock: Dehydrator pits shall be overhead flagged should any hydrocarbon material be present on the surface. The dehydrator pits shall be fenced to prevent entry of livestock or wildlife.

C. Plan for rehabilitation of disturbed areas no longer need for operations after construction completed.

Upon completion of well, areas required for continued use will be graded to provide drainage and minimize erosion. Those areas not required for continued usage will be graded to provide drainage and minimize erosion. Those areas unnecessary for use will be graded to blend with the surrounding topography. Topsoil will be replaced on those areas and seeded according to BLM specifications.

V. LOCATION AND TYPE OF WATER SUPPLY

- A. The water source is to be from a legal private source.
- B. Water transportation system: Water to be hauled in trucks from an undetermined pick up point.
- C. Water wells: None.

VI. SOURCE OF CONSTRUCTION MATERIALS

- A. Materials: Construction materials will consist of soil encountered with the boundaries of the proposed site. Topsoil will be stripped to a depth of six inches and stockpiled in an area that does not interfere with operations.
- B. Land Ownership: The planned site and access roads lie on Federal land administered by the United States Department of Interior, U. S. Bureau of Land Management.

C. Materials foreign to site: N/A

D. Access road shown under Exhibit #2

VII. METHODS OF HANDLING WASTE MATERIALS

A. Cuttings: Will be contained within the limits of the reserve pit.

B. Drilling fluids: Will be retained in the reserve pit.

C. Produced fluids: No substantial amount of water is expected. The amount of hydrocarbon that may be produced while treating will be retained in the reserve pit. Prior to clean up operations, the hydrocarbon materials will be skimmed or removed as the situation would dictate.

D. Sewage: Sanitary facilities will consist of at least one chemical toilet and after the completion of operations, the sewage will be removed and disposed of elsewhere.

E. Garbage: A burn cage will be used to burn all flammable material. The small amount of refuse will be removed from the site and disposed of at a legal and environmentally acceptable location.

F. Clean up of well site: After drilling, the surface of the drill pad will be cleaned and graded to accommodate a completion rig. The "mouse hole" and "rat hole" will be backfilled to prevent injury and hazard for livestock. Reserve pit will be fenced until dry and it can be backfilled and restored to natural terrain.

VIII. ANCILLARY FACILITIES

None required.

IX. WELL SITE LAYOUT

A. See Exhibits - 4 and 6

1. Location of pits: #6
2. Rig Orientation: #4

B. Pits will be unlined, unless otherwise required.

X. PLANS FOR RESTORATION OF SURFACE

- A. Reserve Pit Cleanup: The pit will be fenced prior to rig release and shall be maintained until cleanup. Prior to backfill operation, any hydrocarbon material on the pit surface will be removed. The fluids and solids contained in the pit shall be backfilled with soil excavated from the site and with soil adjacent to the reserve pit. The restored surface of the reserve pit will be contoured to prevent impoundment of any drainage flows. The gradient of the surface will be maintained to prevent sudden acceleration of drainage flows which could cause continued erosion of the surface. Following backfill completion, topsoil removed from the disturbed areas will be replaced in a uniform layer. The reserve pit will be seeded per Bureau of Land Management recommendation during the appropriate season following final restoration of the site.
- B. Restoration Plans - Production Developed: The reserve pit will be backfilled and restored as described under Item A. In addition, those disturbed areas not required for production will be graded to blend with the surrounding topography. Topsoil will be placed on these areas and seeded. The portion of the drill pad required for production and turning areas will be graded to minimize erosion and provide access to production facilities under inclement conditions. Following final improvement and surfacing of that portion of new access road, the topsoil windrowed to each side of the alignment will be placed on the cut slopes. Following depletion and abandonment of the site, restoration procedures will be those that follow under Item C.
- C. Restoration Plans - No Production Developed: Of course the reserve pit will be restored as described above. With no production developed, the entire surface disturbed by construction of the drilling pad will be restored to its natural terrain and reseeded per Bureau of Land Management requirements.

XI OTHER INFORMATION

- A. Surface Description: Rolling terrain with sandy silty soil and scattered surface rock. Vegetation includes sagebrush, greasewood and native grasses.
- B. Other Surface-Use Activities: The surface is federally owned and managed by the BLM/USGS. The predominant surface use is mineral exploration and production with minimal grazing activity.
- C. Proximity of Water, Dwelling, Historical Sites:
1. Water: None
 2. Occupied Dwellings: Not existing.

3. Historical Sites: An archaeological reconnaissance has been performed for this location and report is on file with the appropriate USGS/BLM offices.

XII. OPERATOR'S REPRESENTATIVE

Field personnel who can be contacted concerning compliance of this Surface Use Plan are as follows:

Charles Jenkins
P. O. Box 3249
Englewood, Colorado 80155
Phone: (303) 740-4800 , ext. 605

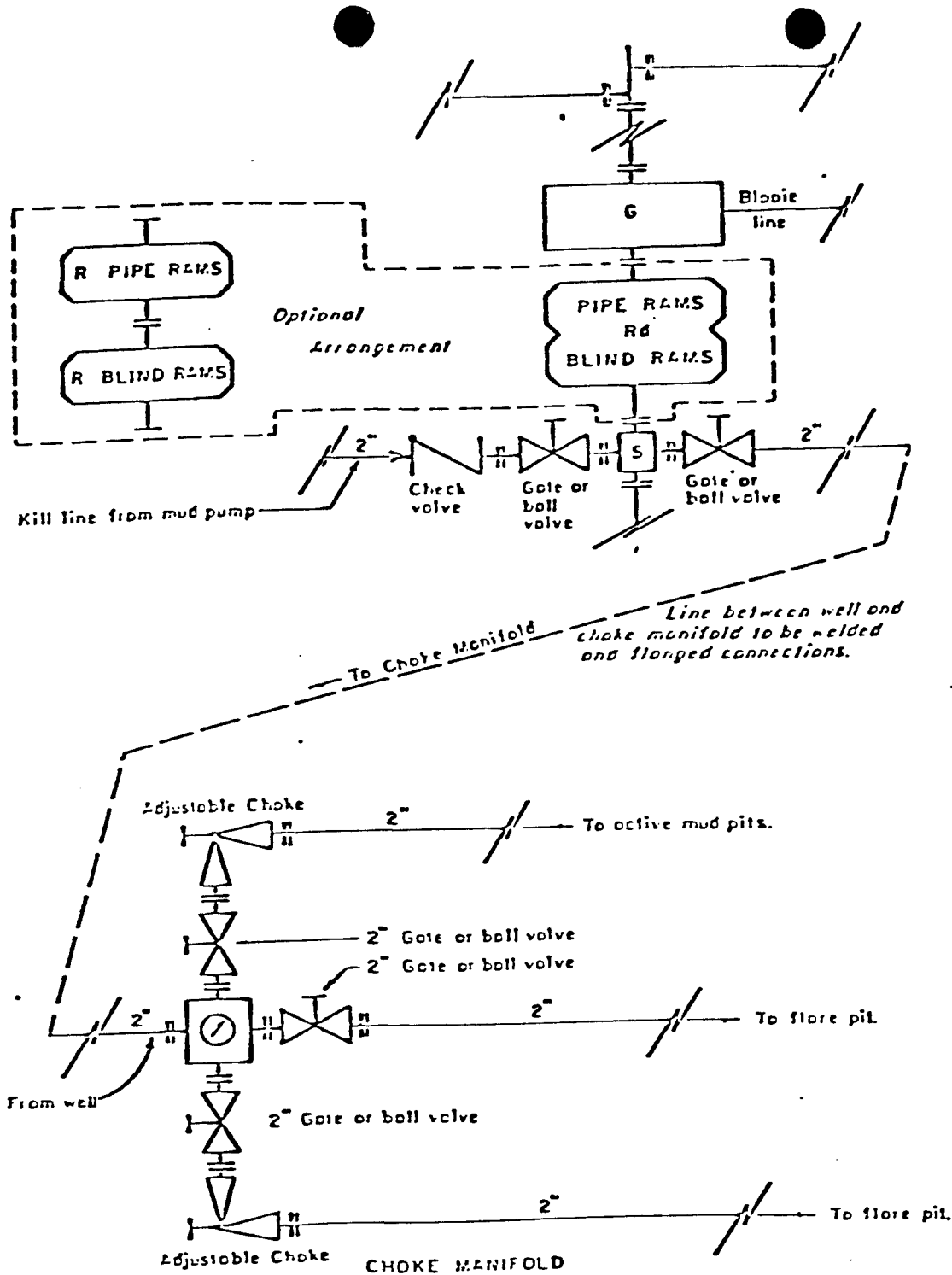
Don H. Morrison
P. O. Box 3249
Englewood, Colorado 80155
Phone (303) 740-4800, ext. 328

XIII. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions as they actually exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the proposed work performed by Tenneco Oil Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

DATE: November 30, 1981

Don H. Morrison



All equipment to be 3,000 psi working pressure except as noted.

- Rd Double ram type preventer with two sets of rams.
- R Single ram type preventer with one set of rams.
- S Drilling spool with side outlet connections for choke and kill lines.
- G Rotating head 150 psi working pressure minimum

ARRANGEMENT C

TENNECO OIL COMPANY
ROCKY MOUNTAIN DIVISION
REQUIRED MINIMUM
BLOWOUT PREVENTER AND
CHOKE MANIFOLD

J. MAGILL 10-26-78 EVI

EXISTING ROADS

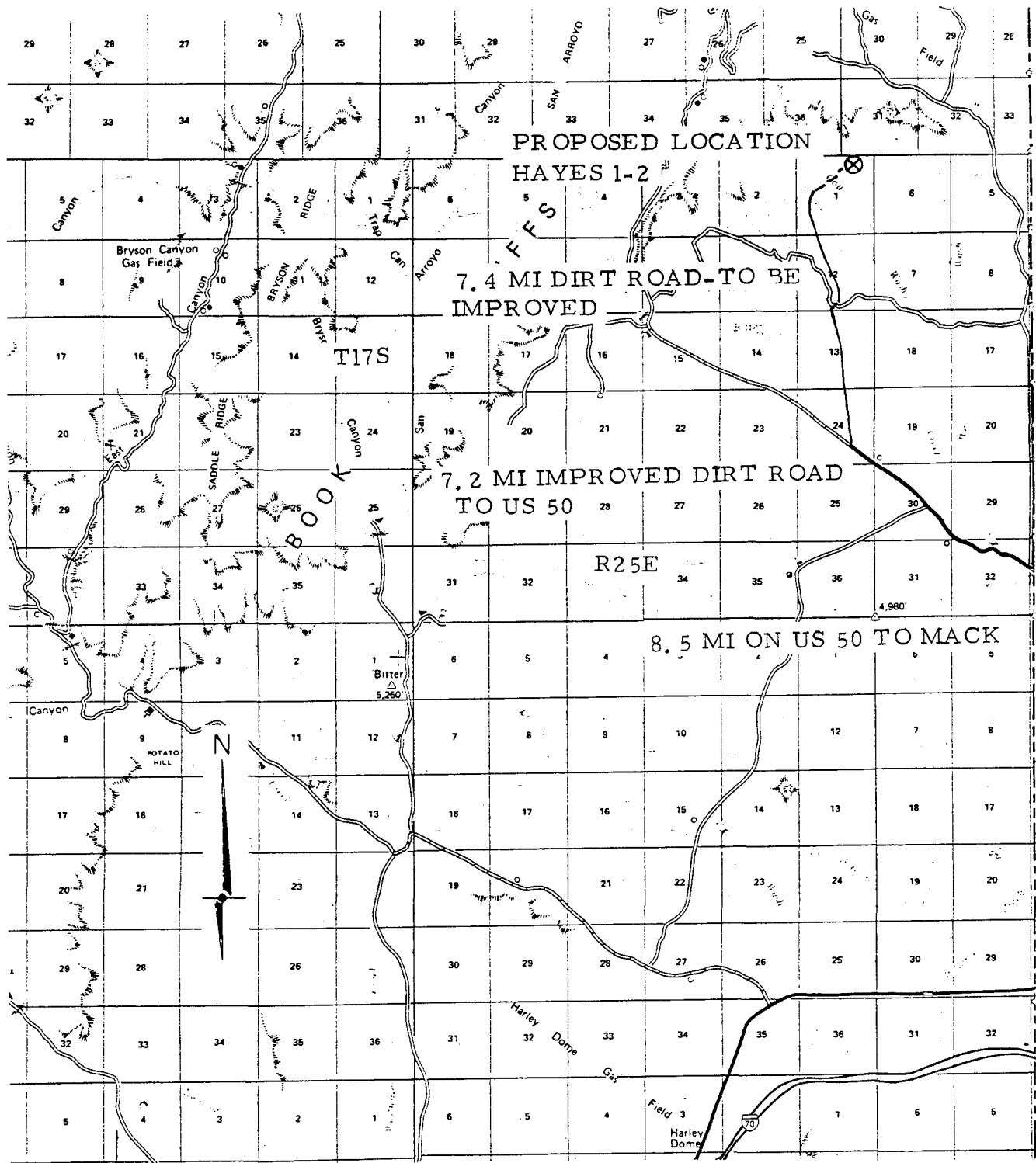
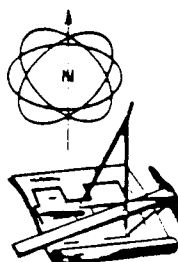


EXHIBIT #1

FROM:

General Highway Map
Sheet 4
Grand County, Utah
1976



ARMSTRONG ENGINEERS and ASSOCIATES, INC.
ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING
861 ROOD AVENUE - GRAND JUNCTION, COLORADO 81501 - (303) 245-3861

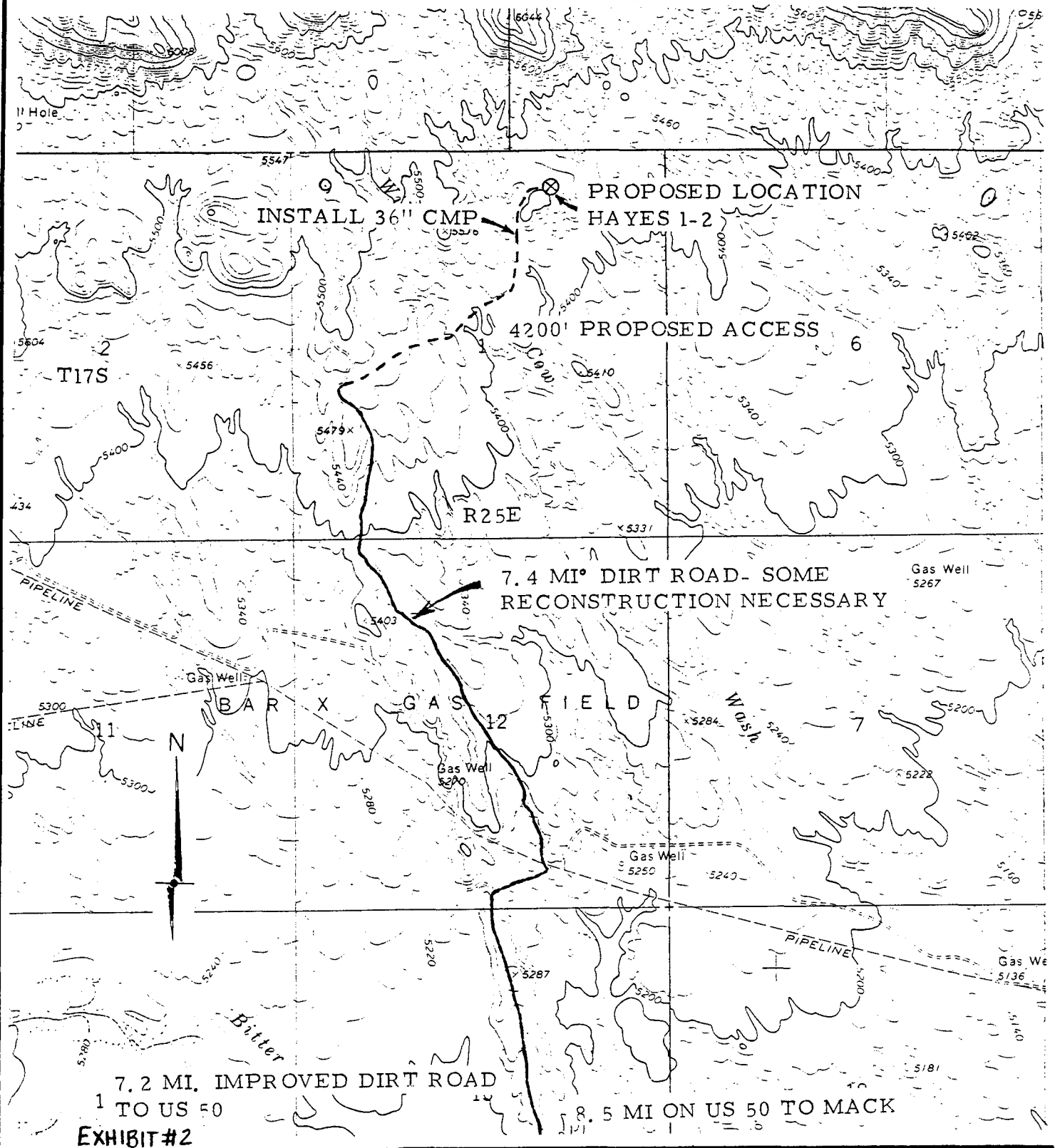
1"=2MI
9/15/81
DRAWN BY
Morrison
CHECKED BY
J.A. Bare
9/11/81

Tenneco Oil Co.
Hays 1-2

FIGURE 3

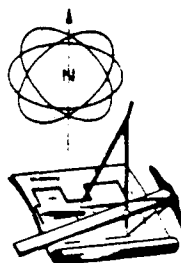
JOB NUMBER
813569

PLANNED ACCESS ROADS



FROM:
Bar X Wash Quadrangle

U.S.G.S. 7.5 min. series
Grand County, Utah
1962



ARMSTRONG ENGINEERS and ASSOCIATES, INC.
ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING
861 ROD AVENUE - GRAND JUNCTION, COLORADO 81501 - (303) 245-3861

1"=2000'
DATE
9/15/81
DRAWN BY
Morrison
CHECKED BY
J.A. Bare
9/11/81

Tenneco Oil Co.
Hays 1-2

FIGURE 4

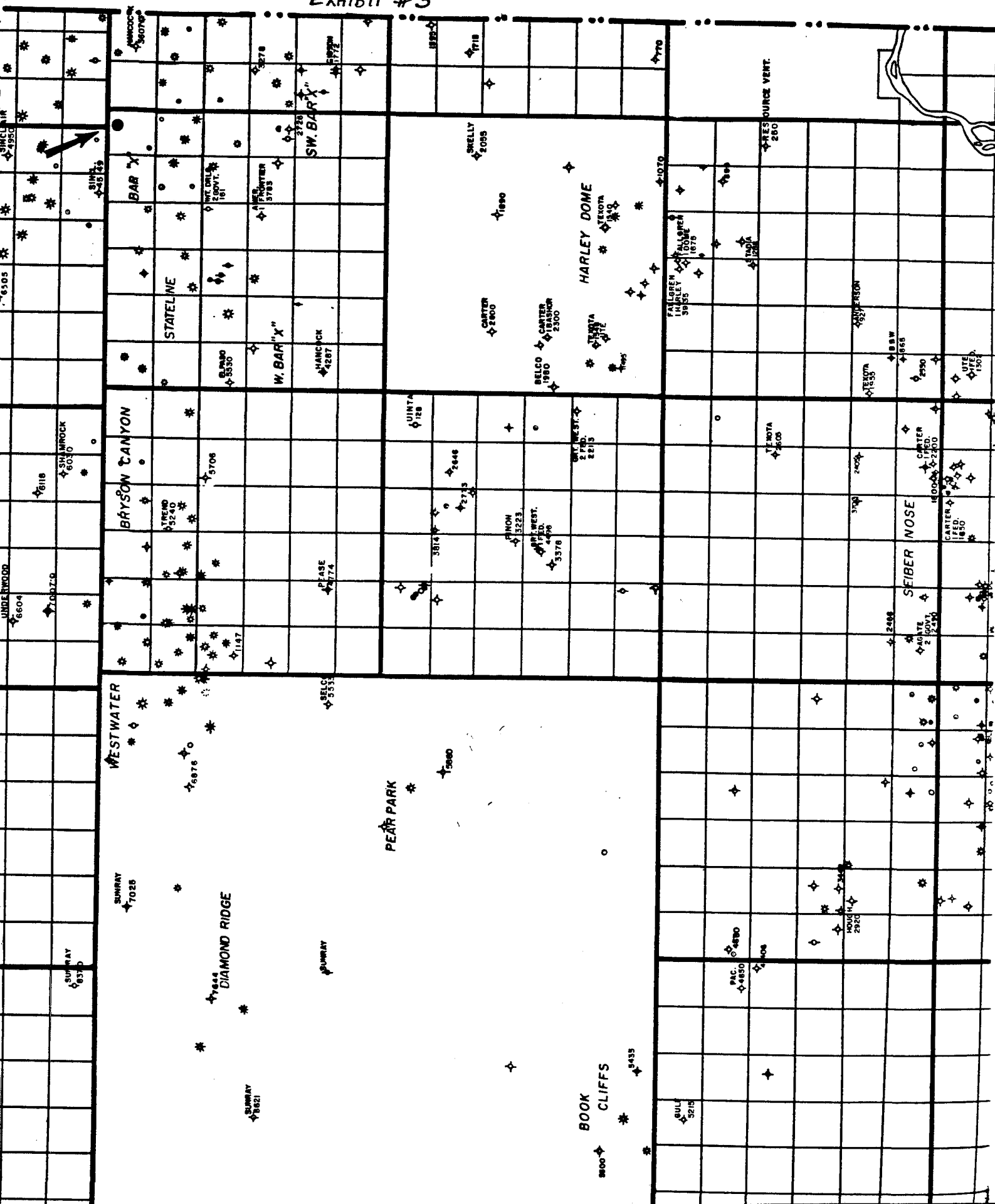
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813569

T 17 S

T 18 S

T 19 S

EXHIBIT #3



RIG LAYOUT

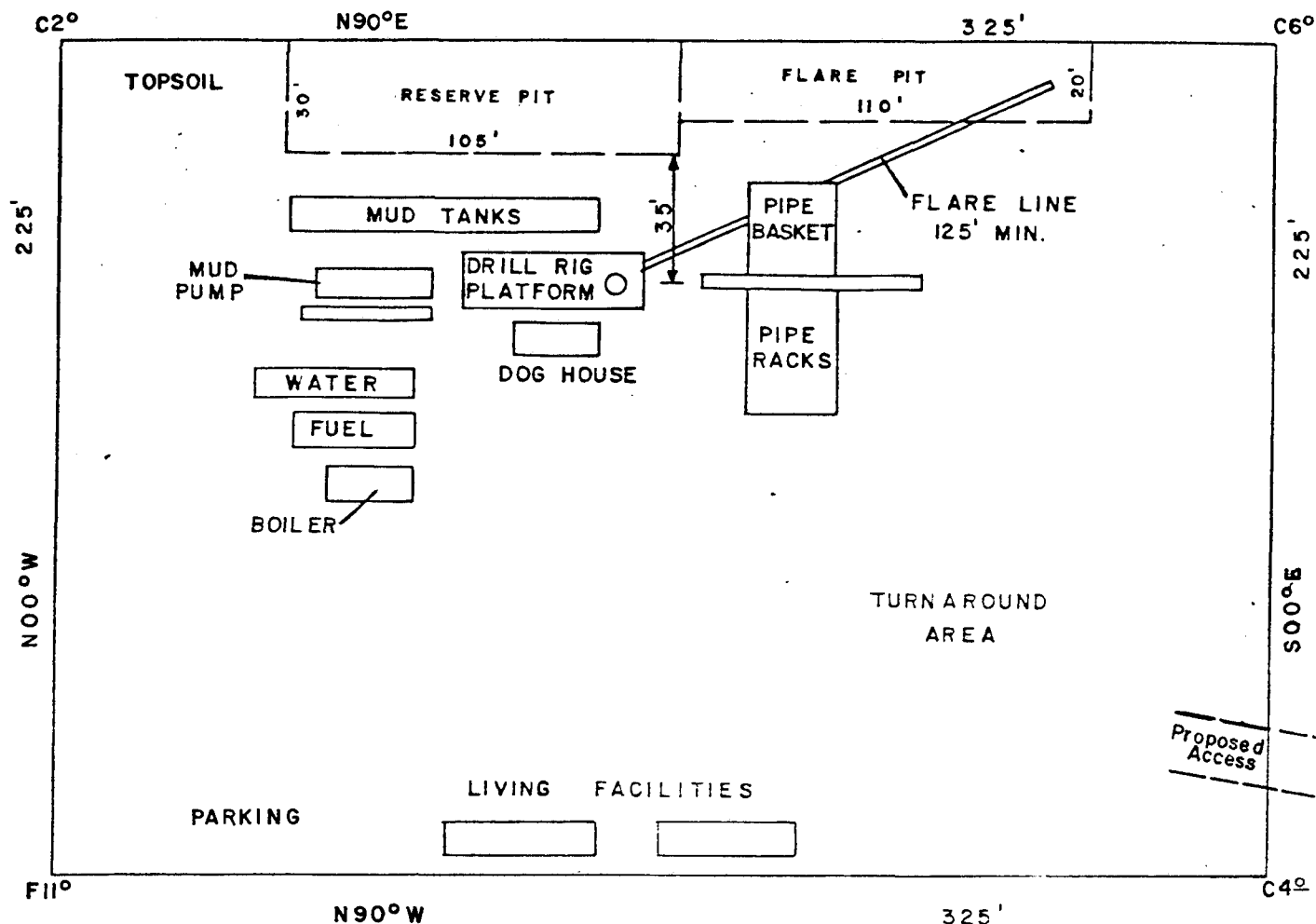
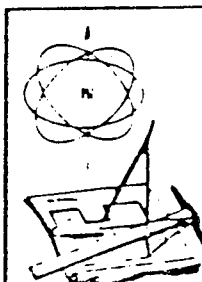
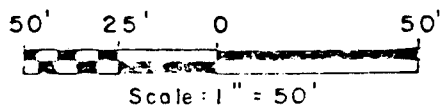


EXHIBIT #4



ARMSTRONG ENGINEERS and ASSOCIATES, INC.
ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING
861 ROAD AVENUE • GRAND JUNCTION, COLORADO 81501 • (303) 245-3861

1" = 50'

9/4/81

RML

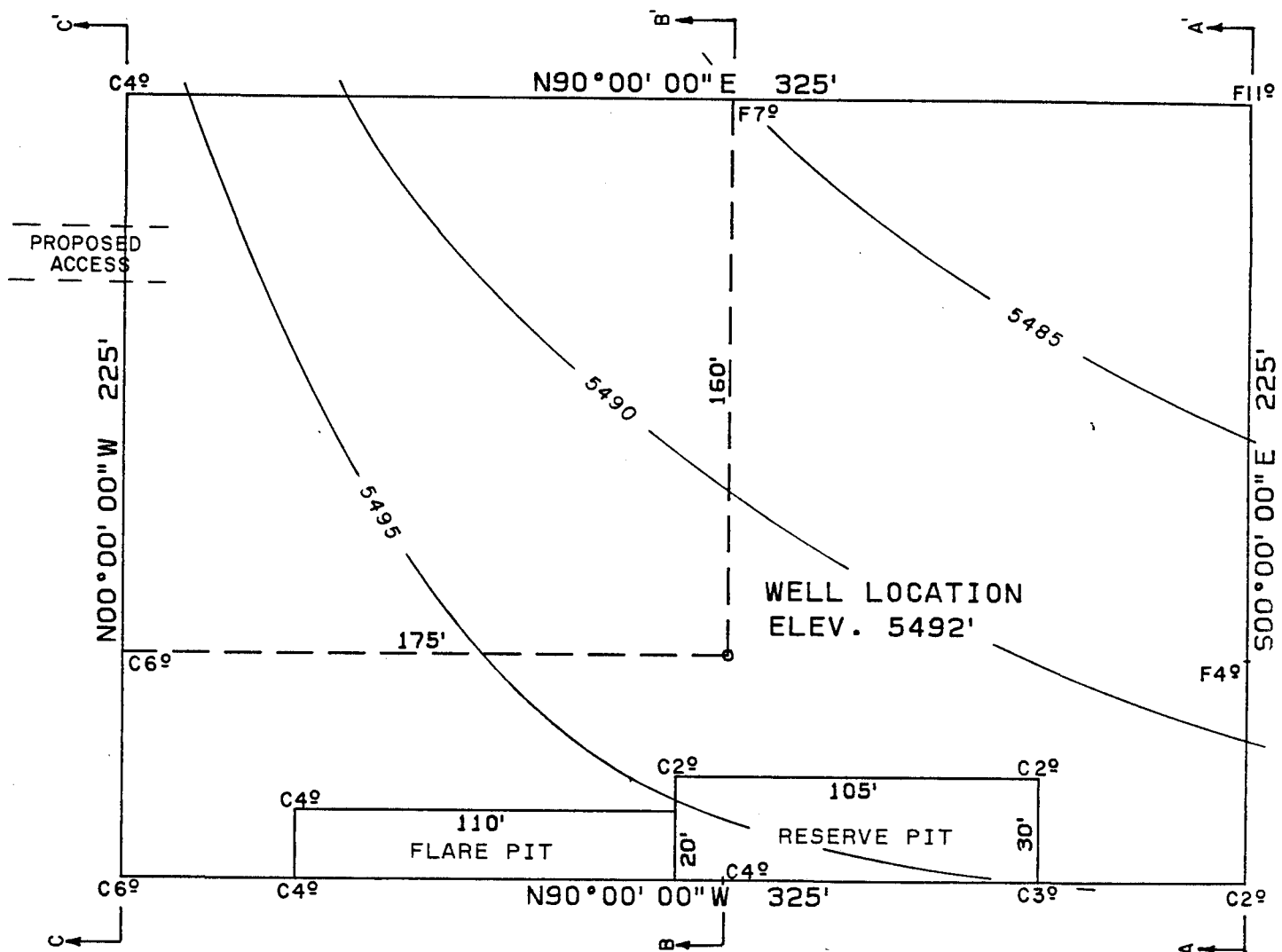
9/2/81

TENNECO OIL
HAYES 1-2

FIGURE 7

JOB NUMBER
813569

PAD TOPOGRAPHY



N

REF.PT. 200' WEST ELEV. 5495'

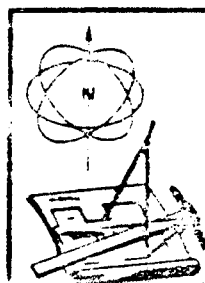
REF.PT. 200' NORTH ELEV. 5482'

TYPICAL SOIL TYPE: SANDY SILT

VEGETATION: SAGEBRUSH, GREASEWOOD,
GRASSES



EXHIBIT #6



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861 ROOD AVENUE - GRAND JUNCTION, COLORADO 81501 - (303) 240-1111

1" = 50'

9/3/81

DRS

EAA

TENNECO OIL
HAYES 1-2

FIGURE 5

JOB NUMBER
813569

PROBABLE EQUIPMENT INSTALLATION

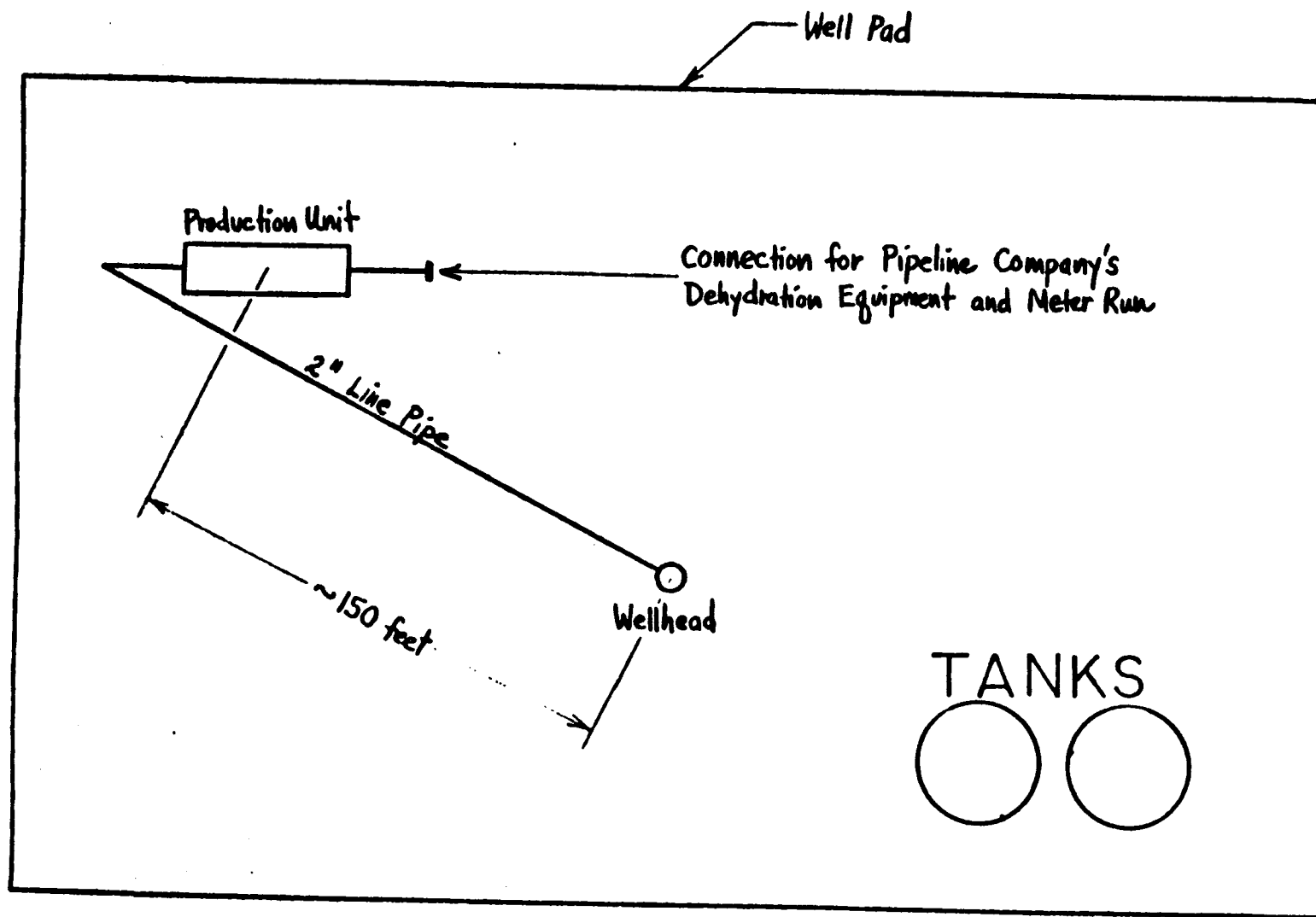
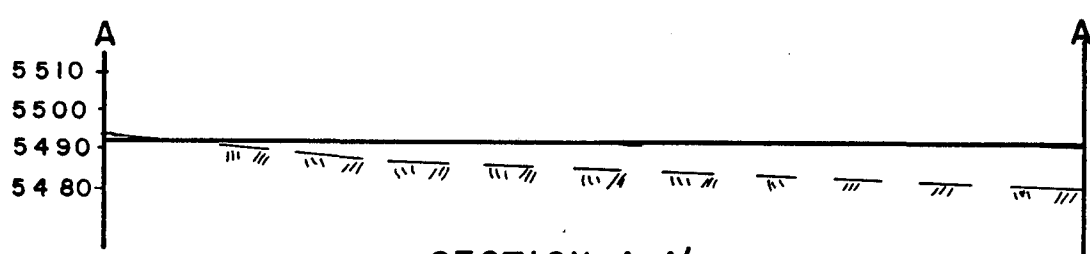


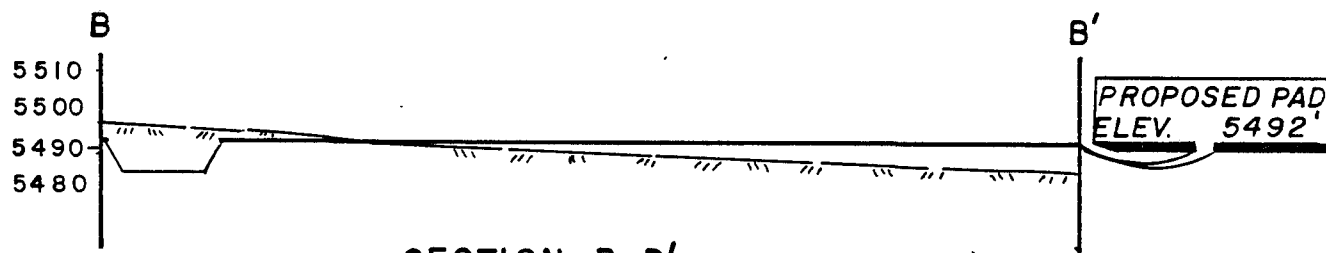
EXHIBIT # 5

NOT TO SCALE

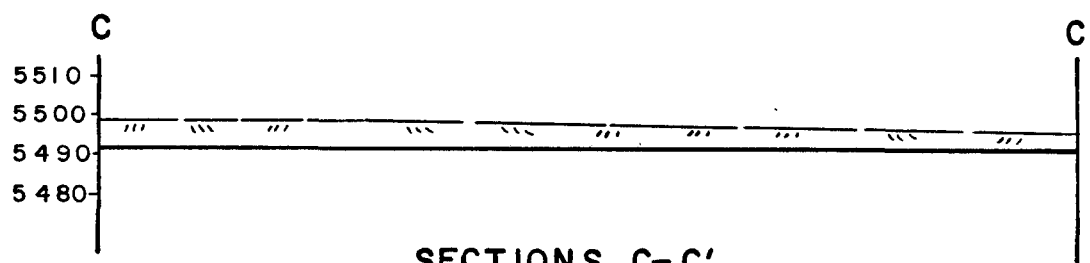
CROSS SECTIONS



SECTION A-A'



SECTION B-B'



SECTIONS C-C'

	ARMSTRONG ENGINEERS and ASSOCIATES, INC. ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING 861 ROOD AVENUE - GRAND JUNCTION, COLORADO 81501 - (303) 245-1111	
	1" = 50' 9/4/81 R M L	TENNECO OIL HAYES I-2
	9/2/81	FIGURE 6
	813569	

TENNECO OIL COMPANY
ROCKY MOUNTAIN DIVISION
6061 SOUTH WILLOW DRIVE
ENGLEWOOD, COLORADO 80155

DRILLING PROCEDURE

DATE: November 17, 1981

LEASE: Hays USA

WELL NO.: 1-2

LOCATION: 500' FNL, 1638" FEL
Section 1, T17S, R25#
Grand County, Utah

FIELD: San Arroyo

ELEVATION: 5492'

TOTAL DEPTH: 3840"

PROJECTED HORIZON: Morrison

SUBMITTED BY: Tom Dunning DATE: November 17, 1981

APPROVED BY: *W. C. Dunning* DATE: *11-17-81*

CC: Administration
DSB Well File
Field File

ESTIMATED FORMATION TOPS

Wasatch

Mesaverde

Mancos

Castlegate

Surface

Frontier

3182'

Gas

Dakota Silt

3432'

Gas

Dakota

3526'

Gas

Morrison

3744'

Gas

TD

3840'

1. No abnormal pressures, temperatures or H_2S is anticipated on this hole.
2. Reserve pit shall be fenced on 3 sides during drilling operations in order to comply with BLM and USGS regulations.
3. Large volume of gas may be encountered in the Dakota, Cedar Mountain, and Salt Wash.

DRILLING, CASING, AND CEMENT PROGRAM

1. Set 250' of 9 5/8" casing to be used as surface casing. Cement with sufficient volume to circulate cement to the surface.
2. MIRURT
3. Nipple up casing spool, BOP's rotating head, choke manifold, etc. Pressure test BOP's manifold, etc. to 1000.psi for 15 minutes.
4. TIH and displace water in casing with air. Drill out shoe and dry up hole.
5. Drill 7 7/8" hole to T.D.
6. Log well as per G.E. department recommendations.
7. If well is productive, run 4 1/2", 11.6#, K-55, ST&C casing to T.D. Cement with sufficient volume to cover all possible productive zones.
8. If the well is non-productive, P & A as per Regulatory Agency Specifications.

CASING PROGRAM

SURFACE: 250' 9 5/8", 36#, K-55, ST&C.

PRODUCTION: 3840' 4 1/2", 11.6#, K-55, ST&C

MUD PROGRAM

0- 250' Spud mud. Viscosity as needed to clean hole.

125-3840' Air or Air/Mist.

NOTE: Should the hole become wet or encounter large gas flows which require mud up, keep the weight as low as possible, vis as needed, and W.L. \pm 6 cc.

EVALUATION

Cores and DST's:

None

Deviation Surveys:

0- 250 Every 100' unless hole conditions prohibit running the surveys. Maximum deviation at T.D. 1^o.

250-3840' Every 500' or on trips. Maximum deviation 1^o per 100' or 4' at TD.

Samples:

1 full bag every 10' - 3000' to TD.

Logs:

Surface Hole - as specified by G.E. Department.

Production Hole - as specified by G.E. Department.

BLOWOUT EQUIPMENT

1. Double ram hydraulic with pipe and blind rams operated by an accumulator.
2. Rotating head on air or air/mist holes.
3. Preventors must be checked for operation every 24 hours. This check must be recorded on the IADC Drilling Report Sheet.

REPORTS

Drilling Reports for the past 24 hours will include depth, footage, time distribution, activity breakdown, mud properties, bit record, bottom hole assembly, daily and cumulative mud cost, deviation surveys, and other pertinent information to be called into Division Office by 7:30 a.m. Monday thru Friday.

TENNECO OIL COMPANY
P. C. BOX 3249
ENGLEWOOD, COLORADO 80155
PHONE: 303-740-4800

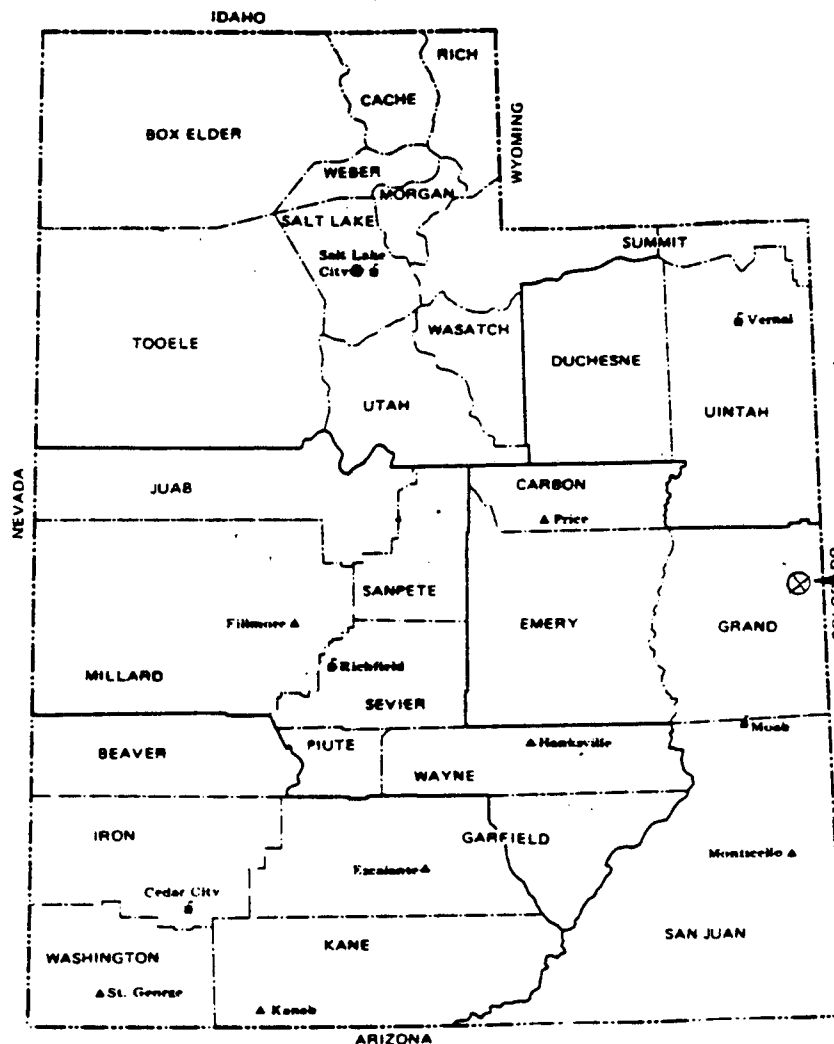
Office Directory

Charles R. Jenkins	740-4800 ext. 605
Ted McAdam	740-4800 ext. 307
Tom Dunning	740-4813
Dale Kardash	740-4809

In case of emergency or after hours call the following in the preferred order.

(1) Charles R. Jenkins	740-4800 ext. 605	Office
Division Drilling Engineer	989-1727	Home
	629-8552	Mobile
(2) Ted McAdam	740-4800 ext. 307	Office
Senior Drilling Foreman	978-0724	Home
	629-8118	Mobile
(3) Harry Hufft	740-4892	Office
Division Production Manager	777-7257	Home

AREA MAP



Proposed
Well
Location



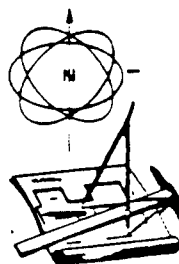
UTAH

Proposed Tenneco Oil Co.
Hays 1-2
NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 1, T.17S., R.25E.
SLBM
Grand County, Utah

LEGEND

- State Office
- District Office
- ▲ Area Office

—— BLM District Boundaries
- - - - County Boundaries



ARMSTRONG ENGINEERS and ASSOCIATES, INC.
ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING
861 ROOD AVENUE - GRAND JUNCTION, COLORADO 81501 - (303) 245-3861

Scale
1" = 75mi
Date
9/15/81
Checked by
Morrison
J.A. Bare
9/11/81

Tenneco Oil Co.
Hays 1-2

FIGURE 2

JOB NUMBER
813569

P
H
A

**** FILE NOTATIONS ****

DATE: 12-4-81

OPERATOR: Tenneco Oil Co.

WELL NO: Hwy 115A 1-2

Location: Sec. 1 T. 17S R. 25E County: Grand

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-019-30911

CHECKED BY:

Petroleum Engineer: _____

Director: 012 cap order in case #4 Topo drg.

Administrative Aide: As Per Order Below, in zone
I drilling Unit #4, this well is not 1300 ft. from the adjoining
Unit boundary as another oil or gas well

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. 41, 12-5-56

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation ☒

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☒

P.I. ☐

Tenneco Oil
Exploration and Production
A Tenneco Company



Rocky Mountain Division

P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800

Delivery Address:
6061 South Willow Drive
Englewood, Colorado

January 5, 1982

State of Utah
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Cleon B. Feight

RE: Application for exception to
non-standard location for the
TOC Hay 1-2, 500' FNL, 1638' FEL
Section 1, T17S, R25E
Grand County, Utah

Dear Mr. Feight:

Attached in duplicate are a well location plat, topo sheet, and an ownership plat on the above referenced well.

Due to severe topography, immediately to the south of the proposed location, and the fact that to move it far enough south to comply with state spacing requirements would move it away from the desired geological "window", Tenneco hereby requests an administrative approval of an exception to state spacing rules for the proposed location.

A copy of this application is being submitted to all offset operators within a 660' radius of the location by certified mail with a request that they furnish your office with a waiver of objection.

Yours very truly,

TENNECO OIL COMPANY

Don H. Morrison

Don H. Morrison
Production Analyst

DHM/cmf

Enclosures

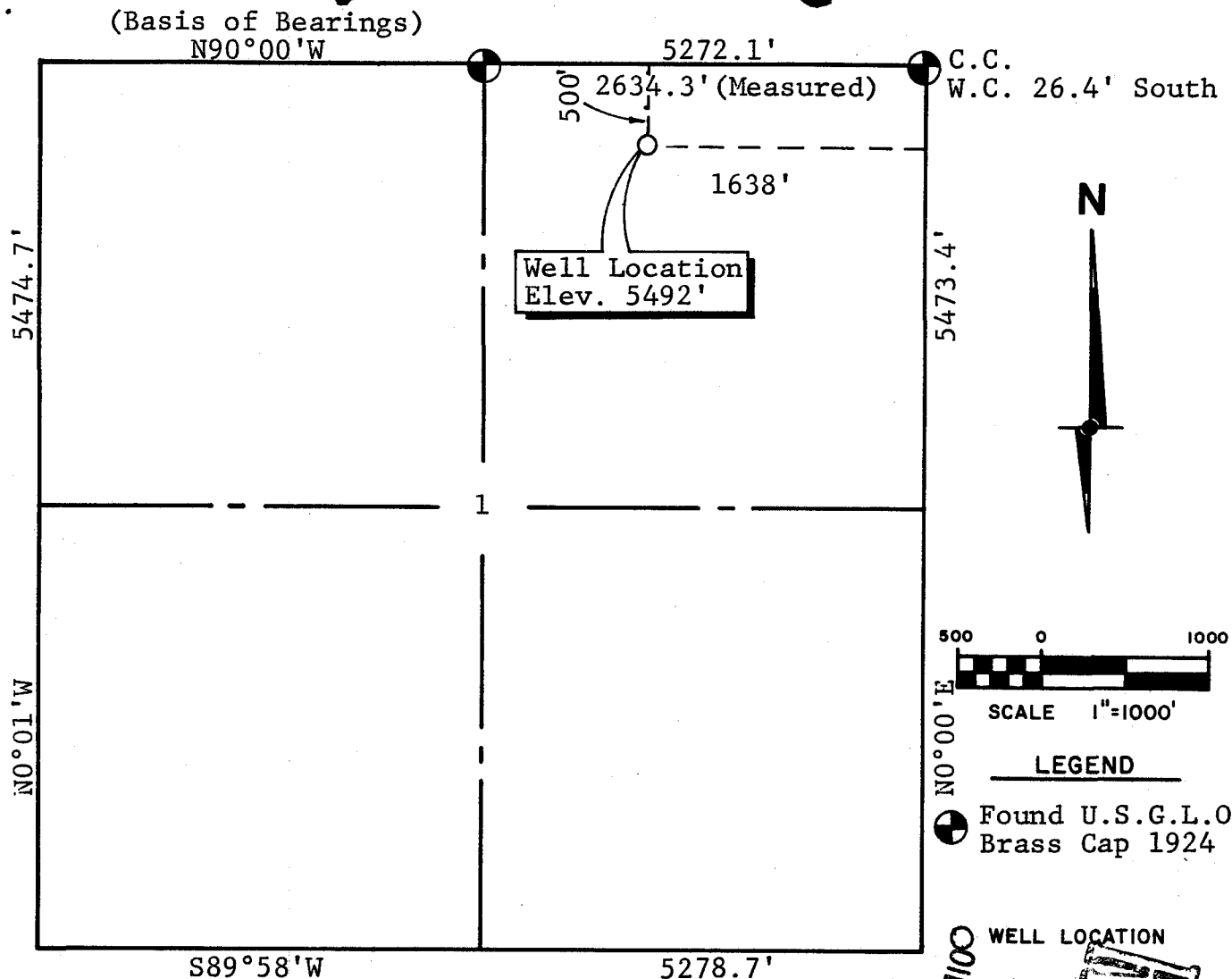
WAIVER

_____ hereby waives objection to Tenneco Oil Company application for unorthodox location for their Hays USA 1-2 proposed above.

By: _____

Date: _____





WELL LOCATION

500 Ft. S.N.L. - 1638 Ft. W.E.L.
Section 1, T.17S., R.25E., S.L.B.&M.
Grand County, Utah

SURVEYOR'S CERTIFICATE

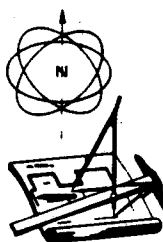
I, Edward Armstrong a registered land surveyor of the State of Utah, do hereby certify that this survey was made under my direct supervision and that this plat represents said survey.

Edward A. Armstrong

Edward A. Armstrong

PE-LS 4464

Revised 11/24/81



ARMSTRONG ASSOCIATES, INC.

ENGINEERS • SURVEYS • U.S. MINERAL SURVEYORS
861 Rood Avenue-Grand Junction, Colorado 81501-(303) 245-3861

SCALE 1"=10,000'

DATE 9-3-81

DRAWN BY DRS

CHECKED BY EAA

DATE OF SURVEY 9-2-81

Tenneco Oil
Hays 1-2

FIGURE 1 of

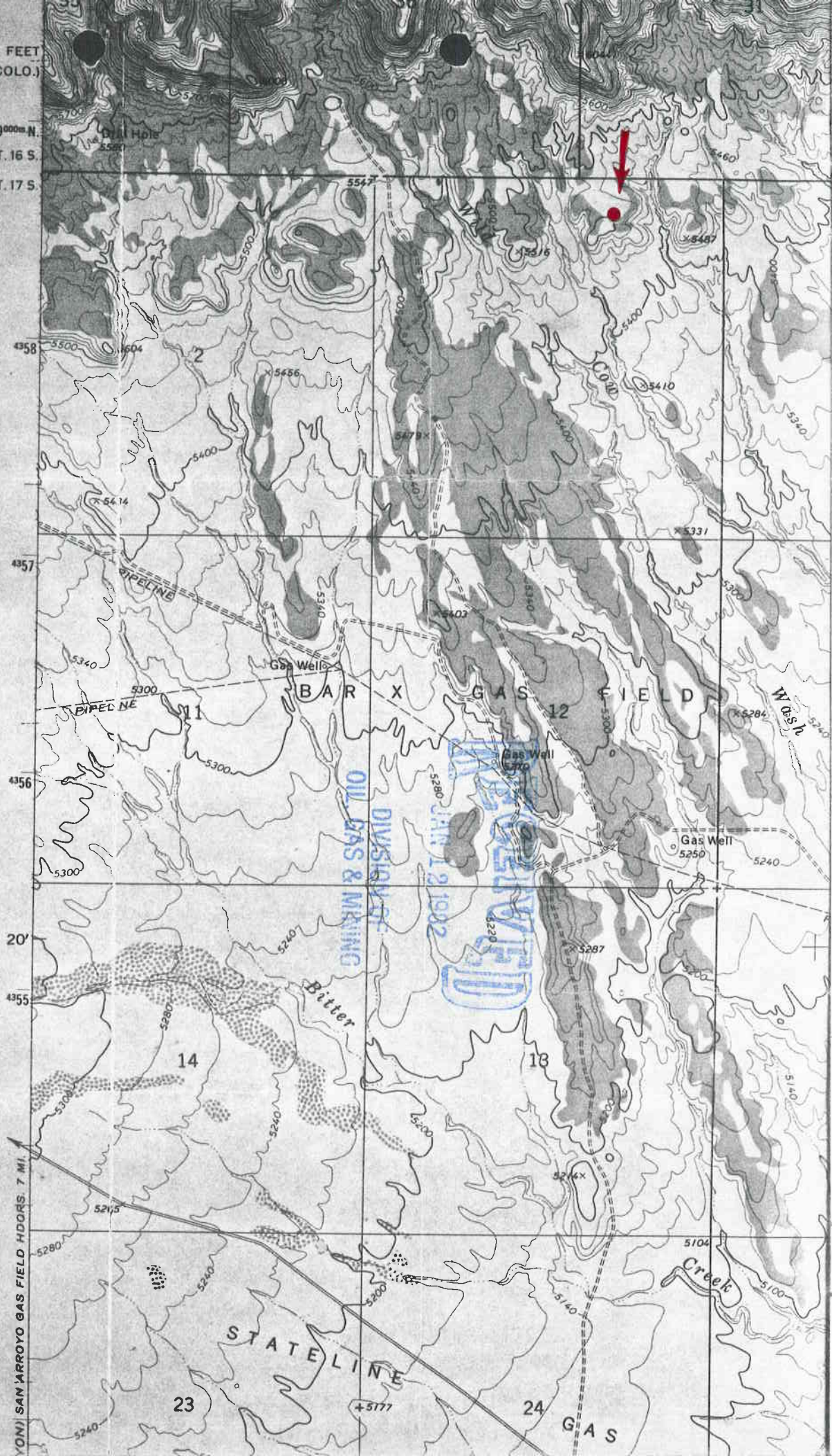
JOB NUMBER

813569

RECEIVED
JAN 12 1982
DIVISION OF
OIL, GAS & MINING

580 000 FEET
(COLO.)

4356536 N
T. 16 S.
T. 17 S.



Offset Operator to Tenneco's Hays USA 1-2,
Sec. 1, T17S, R25E, Grand Co., Utah

Texas Oil & Gas Corporation
1800 Lincoln Center Bldg.
Denver, CO 80264

January 22, 1982

Tenneco Oil Company
P. O. Box 3249
Englewood, Colorado 80155

RE: Well No. Hays USA 1-2
Sec. 1, T. 17S, R 25E
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 4, dated December 5, 1956.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30911.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Director

CBF/as
Encl.
cc: USGS

Tenneco Oil Exploration and Production

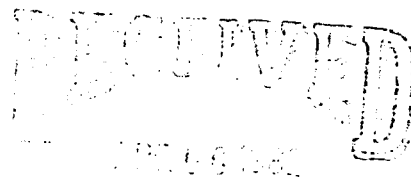
A Tenneco Company

Western Rocky Mountain Division

P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800

Delivery Address:
6061 South Willow Drive
Englewood, Colorado

April 1, 1982



DIVISION OF
OIL, GAS & MINING

State of Utah Natural Resources and Energy
Division of Oil, Gas and Mining
1636 West North Temple
Salt Lake City, UT 84111

Attn: Cleon B. Feight

RE: Spacing Requirements for the
Hays USA 1-5 SW/NW
Sec. 1, T17S R25E, Grand County
Utah

Dear Sir:

Some information has come to light regarding the reasons for spacing the
Hays USA 1-5 and Hays USA 1-2 the way we did. Please see attached drawing
of Section 1.

Due to the northern boundary of the Bar X Unit, Cause #4 dated December 5,
1956, ordered an irregular spacing unit of 503.52 acres. At one time,
Tenneco had wanted to establish two stand up spacing units of 251.76 acres
each.

At this time, however, Tenneco respectfully requests that your office dis-
regard the application for permit to drill the Hays USA 1-2 so that we may
proceed with plans to drill the Hays USA 1-5. Please return our application
as Tenneco plans at a future date to pursue the Hays USA 1-2 location.

If we can be of any additional help in this matter, please contact this
office.

Very truly yours,

TENNECO OIL COMPANY

Don H. Morrison

Don H. Morrison
Production Analyst

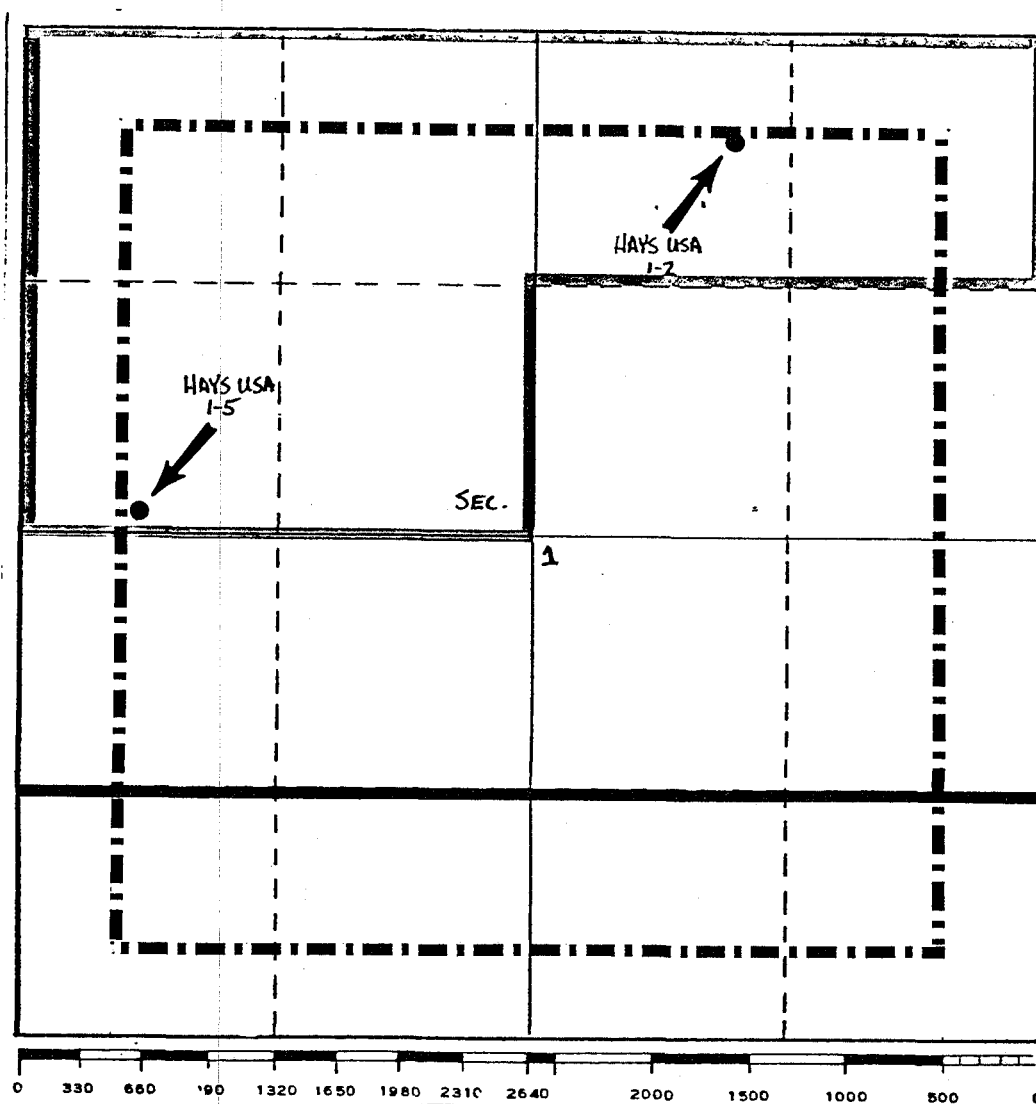
DHM:jt

Attachment

cc: MMS, Salt Lake City
Ken Macho
Mike Decker
Jesse Blackmon

- = 500' INNER BOUNDARY LINES
- = NORTHERN BAR-X UNIT BOUNDARY
- = TENNECO'S ACREAGE WITHIN SECTION

17 S



24 E

Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

April 15, 1982

Tenneco Oil Company
P.O. Box 3249
Englewood, Colorado 80155

Re: Application for Permit to Drill
Well No. Hays 1-2
Section 1-T17S-R25E
Grand County, Utah
Lease No. U-25888

Gentlemen:

The referenced Application for Permit to Drill was received in this office on December 3, 1981.

We are returning the referenced application as per your letter dated April 1, 1982. If you plan to drill this well at a future date, a new complete application must be submitted.

If you have any questions, please feel free to call.

Sincerely,

E. W. Guynn
District Oil & Gas Supervisor

bcc: SMA
State O&G ✓
MMS-Vernal
Well File
APD Control
DH/dh

P-1
M

Tenneco Oil Exploration and Production

A Tenneco Company

Western Rocky Mountain Division

P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800

Delivery Address:
6061 South Willow Drive
Englewood, Colorado



July 26, 1982

Minerals Management Service
2000 Administration Bldg
1745 West 1700 South
Salt Lake City, UT 84104

ATTN: Ed Gynn

RE: Tight Hole Status for 1982
Locations

Dear Ed:

Tenneco hereby requests that your office designate the following wells as "tight Hole", as we consider the information from these wells as proprietary;

Hays USA #1-5

Hays USA #1-2

TOC TXO USA #15-9

TOC TXO POGO USA #15-11

Your cooperation in this matter will be greatly appreciated.

Sincerely yours,

TENNECO OIL COMPANY

Don H. Morrison

Don H. Morrison
Sr. Production Analyst

DHM/dd

cc: ✓ State of Utah - Oil & Gas Conservation

RECEIVED
JUL 29 1982

DIVISION OF
OIL, GAS & MINING